

compare the first protection domain value with a second protection domain value of a
send work queue which initiated the request;
allow access if the first protection domain value matches the second protection
domain value; and
deny access if the first protection domain value does not match the second protection
domain value.

38
39. (New) The system as recited in claim ~~39~~³⁸, wherein in response to allowing access, the first
node is further configured to utilize a physical address included within the first entry of the
memory region table to access the memory.

40. (New) The system as recited in claim 39, wherein the second entry of the memory region
table includes a second protection domain value, and wherein the first node is further
configured to:

compare the second protection domain value with a third protection domain value of a
send work queue which initiated the request;
allow access if the second protection domain value matches the third protection
domain value; and
deny access if the second protection domain value does not match the third protection
domain value;
wherein in response to allowing access, the first node is further configured to utilize a
physical address included within the second entry of the memory region table
to access the memory.

41. (New) The system as recited in claim 40, wherein the memory region table and the
memory window table reside on one or more modules external to and in communication with
an operating system.

42. (New) The system as recited in claim 40, wherein an entry of the memory window
table comprises: